

**Form PTO-1449** (modified)

Atty. Docket No.

Serial No.

UTSD:548/HYL

09/061,417

List of Patents and Publications for Applicant's

Applicants

Eric N. Olson, Stephen R. Grant and

Jeffery D. Molkentin

Filing Date:

Group:

April 16, 1998

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U.S. Patent Documents

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Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
	A1	5,708,158	01/13/98	Hoey			

**Foreign Patent Documents**

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No

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Dei	C1	Botinelli <i>et al.</i> , "A mutant tropomyosin that causes hypertrophic cardiomyopathy is expressed <i>in vivo</i> and associated with an increased calcium sensitivity," <i>Circ. Res.</i> , 82:106-115, 1997.
	C2	Bustamante <i>et al.</i> , "Stretch-activated channels in heart cells: relevance to cardiac hypertrophy," <i>J. Cardiovasc. Pharmacol.</i> , 17(Suppl. 2):S110-113, 1991.
	C3	Chien <i>et al.</i> , "Transcriptional regulation during cardiac growth and development," <i>Annu. Rev. Physiol.</i> 55, 77-95, 1993.
	C4	Dolmetsch <i>et al.</i> , "Differential activation of transcription factors induced by $Ca^{2+}$ response amplitude and duration," <i>Nature</i> , 386:855-858, 1997.
	C5	Evans, "Regulation of cardiac gene expression by GATA-4/5/6," <i>Trends in Cardiovasc. Med.</i> , 7(3):75-83, 1997.
	C6	Grepin <i>et al.</i> , "A hormone-encoding gene identifies a pathway for cardiac but not skeletal muscle gene transcription" <i>Mol. Cell. Biol.</i> , 14(5):3115-3129, 1994.
	C7	Gruver <i>et al.</i> , "Targeted developmental overexpression of calmodulin induces proliferative and hypertrophic growth of cardiomyocytes in transgenic mice," <i>Endocrinology</i> , 133(1):376-388, 1993.

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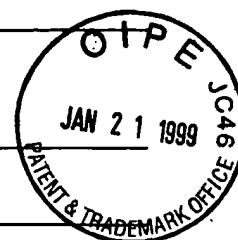
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	C9	Haverich <i>et al.</i> , "Cyclosporin A and transplant coronary disease after heart transplantation: facts and fiction," <i>Transplant Proc.</i> , 26(5):2713-2715, 1994.
	C10	Herzig <i>et al.</i> , "Angiotensin II type <sub>1a</sub> receptor gene expression in the heart: AP-1 and GATA-4 participate in the response to pressure overload," <i>Proc. Natl. Acad. Sci. USA</i> , 94:7543-7548, 1997.
	C11	Ho <i>et al.</i> , "NFATc3, a lymphoid-specific NFATc family member that is calcium-regulated and exhibits distinct DNA binding specificity," <i>J. Biol. Chem.</i> , 270(34):19898-19907, 1995.
	C12	Hoey <i>et al.</i> , "Isolation of two new members of the NF-AT gene family and functional characterization of the NF-AT proteins," <i>Immunity</i> , 2:461-472, 1995.
	C13	Hongo <i>et al.</i> , "Effect of stretch on contraction and the Ca <sup>2+</sup> transient in ferret ventricular muscles during hypoxia and acidosis," <i>Am. J. Physiol.</i> , 269:C690-C697, 1995.
	C14	Jones <i>et al.</i> , "Murine pulmonary myocardium: developmental analysis of cardiac gene expression," <i>Dev. Dyn.</i> , 200:117-128 1994.
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	C18	Karns <i>et al.</i> , "M-CAT, CArG, and Sp1 elements are required for $\alpha_1$ -adrenergic induction of the skeletal $\alpha$ -actin promoter during cardiac myocyte hypertrophy," <i>J. Biol. Chem.</i> , 270(1):410-417, 1995.
✓	C19	Komuro and Yazaki, "Control of cardiac gene expression by mechanical stress," <i>Annu. Rev. Physiol.</i> , 55:55-75, 1993.

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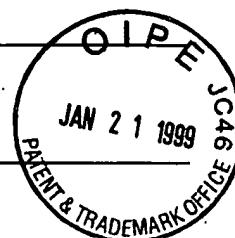
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OK	C20	Kovacic-Milivojevic <i>et al.</i> , "Selective regulation of the atrial natriuretic peptide gene by individual components of the activator protein-1 complex," <i>Endocrin</i> , 137:1108-1117, 1996.
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	C26	Lyakh <i>et al.</i> , "Expression of NFAT-family proteins in normal human T cells," <i>Mol. Cell. Biol.</i> , 17(5):2475-2482, 1997.
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	C29	McCaffrey <i>et al.</i> , "Isolation of the cyclosporin-sensitive T cell transcription factor NFATp," <i>Science</i> , 262:750-754, 1993.
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	C31	Molkentin <i>et al.</i> , "A calcineurin-dependent transcriptional pathway for cardiac hypertrophy," <i>Cell</i> , 93:1-20, 1998.
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	C33	Molkentin <i>et al.</i> , "Transcription factor GATA-4 regulates cardiac muscle-specific expression of the $\alpha$ -myosin heavy-chain gene," <i>Mol. Cell. Biol.</i> , 14(7):4947-4957, 1994.

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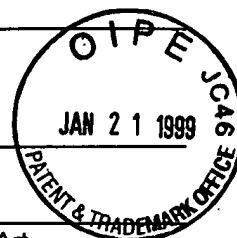
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	C35	Northrop <i>et al.</i> , "NF-AT components define a family of transcription factors targeted in T-cell activation," <i>Nature</i> , 369:497-502, 1994.
	C36	O'Keefe <i>et al.</i> , "FK-506- and CsA-sensitive activation of the interleukin-2 promoter by calcineurin," <i>Nature</i> , 357:692-694, 1992.
	C37	Ogawa <i>et al.</i> , "Characterization of the 5'-flanking region and chromosomal assignment of the human brain natriuretic peptide gene," <i>J. Mol. Med.</i> , 73:457-463, 1995.
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	C39	Park <i>et al.</i> , "Characterization of a new isoform of the NFAT (Nuclear Factor of Activated T Cells) gene family member NFATc," <i>J. Biol. Chem.</i> , 271(34):20914-20921, 1996.
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	C42	Reid and Yancoub, "Determinants of left ventricular function one year after cardiac transplantation," <i>Br. Heart J.</i> , 59:397-402, 1988.
	C43	Rooney <i>et al.</i> , "A common factor regulates both Th1- and Th2-specific cytokine gene expression," <i>EMBO J.</i> , 13:625-633, 1994.
	C44	Sadoshima and Izumo, "The cellular and molecular response of cardiac myocytes to mechanical stress," <i>Ann. Rev. Physiol.</i> , 59:551-571, 1997.
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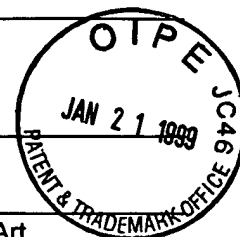
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	C48	Schwartz <i>et al.</i> , " $\alpha$ -Skeletal muscle actin mRNA's accumulate in hypertrophied adult rat hearts," <i>Circ. Res.</i> 59(5):551-555, 1986.
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	C50	Stemmer and Klee, "Dual calcium ion regulation of calcineurin by calmodulin and calcineurin B," <i>Biochemistry</i> , 33:6859-6866, 1994.
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	C52	Thuerlauf and Glembotski, "Differential effects of protein kinase C, Ras, and Raf-1 kinase on the induction of the cardiac B-type natriuretic peptide gene through a critical promoter-proximal M-CAT element," <i>J. Biol. Chem.</i> , 272(11):7464-7472, 1997.
	C53	Vikstrom and Leinwand, "Contractile protein mutations and heart disease," <i>Curr. Opin. Cell Biol.</i> , 8:97-105, 1996.
	C54	Watkins <i>et al.</i> , "Familial hypertrophic cardiomyopathy: a genetic model of cardiac hypertrophy," <i>Hum. Mol. Genet.</i> , 4:1721-1727, 1995.
	C55	Wolfe <i>et al.</i> , "Unusual Rel-like architecture in the DNA-binding domain of the transcription factor NFATc," <i>Nature</i> , 385:172-176, 1997.
	C56	Woods and Ellis, In: <i>Laboratory Histopathology: A Complete Reference</i> , Churchill Livingstone Publishers, New York, p 7.1-13, 1994.
	C57	Yamazaki <i>et al.</i> , "Norepinephrine induces the raf-1 kinase/mitogen-activated protein kinase cascade through both $\alpha_1$ - and $\beta$ -adrenoceptors," <i>Circulation</i> , 95:1260-1268, 1997.
	C58	Zou <i>et al.</i> , "Protein kinase C, but not tyrosine kinases or ras, plays a critical role in angiotensin II-induced activation of Raf-1 kinase and extracellular signal-regulated protein kinases in cardiac myocytes," <i>J. Biol. Chem.</i> , 271(52):33592-33597, 1996.

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Eric N. Olson et al.

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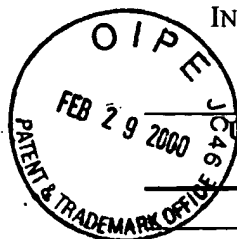
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	B1	WO96/26959	09/06/96	US			

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<i>Des</i>	<del>C59</del>	<del>A. Haverich et al., "Cyclosporin A and transplant coronary disease after heart transplantation: facts and fiction," <i>Transplantation Proceedings</i> 26(5):2713-2715, 1994</del> <i>Dupl.</i>
	C60	Adrienne N. Harris et al., "A novel A/T-rich element mediates ANF Gene Expression During Cardiac Myocyte Hypertrophy," <i>J. Mol. Cell Card.</i> 29:515-525, 1997
	C61	Timothy Hoey et al., "Isolation of two new members of the NF-AT gene family and functional characterization of the NF-AT proteins," <i>Immunity</i> , 2:461-472, 1995
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	<del>C64</del>	<del>Molkentin et al., "A calcineurin-dependent transcriptional pathway for cardiac hypertrophy," <i>Cell</i>, 93:215-228, 1998</del> <i>Dupl.</i>

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AS	A2	5,837,840	11/17/98	Crabtree et al.	536	23.4	9/20/93
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